







PRESENTATION AGENDA

- History of Road-Rail Conflicts Discussions
- Overview of Phase 1 Study
- Overview of Phase 2 Study
- Prioritization Results
- Next Steps







THALASSA AXIA







HISTORY OF ROAD-RAIL CONFLICT DISCUSSIONS

- 1873: Northern Pacific Railroad names Tacoma as its western terminus
- 1893: First state road established by the Legislature
- 1996: FAST Corridor Agreement signed
- 1997: Legislative FMAC recommendations released
- 1998: FMSIB created
- 2015: Legislature passes oil train legislation and directs study of crossings (Phase 1 by JTC)
- 2017: Phase 2 funded (FMSIB lead)









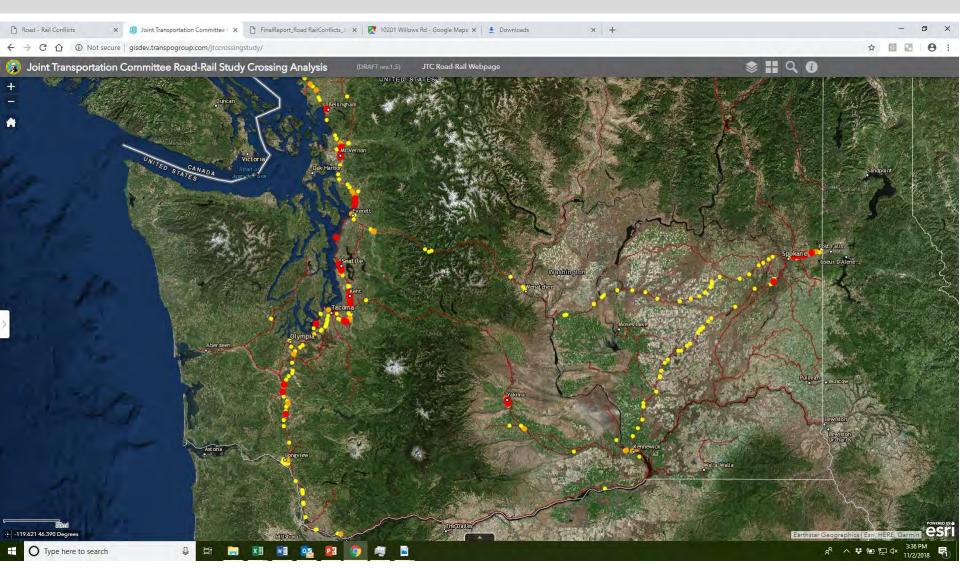


PHASE 1 EVALUATION CRITERIA MOBILITY 50%, SAFETY 25%, COMMUNITY 25%



18. Percent Minority

PHASE 1 CROSSING RANKS



LEGISLATIVE DIRECTION FOR PHASE 2

Engrossed Substitute Senate Bill SB 5096 (2017), Section 206:

The appropriation in this section is subject to the following conditions and limitations: \$60,000 of the motor vehicle account—state appropriation is provided solely for the board, from amounts set aside out of statewide fuel taxes distributed to cities according to RCW 46.68.110(2), to manage and update the road-rail conflicts database produced as a result of the joint transportation committee's "Study of Road-rail Conflicts in Cities (2016)." The board shall update the database using data from the most recent versions of the Washington state freight and goods transportation system update, marine cargo forecast, and other relevant sources. The database must continue to identify prominent road-rail conflicts that will help to inform strategic state investment for freight mobility statewide. The board shall form a committee including, but not limited to, representatives from local governments, the department of transportation, the utilities and transportation commission, and relevant stakeholders to identify and recommend a statewide list of projects using a corridor-based approach. The board shall provide the list to the transportation committees of the legislature and the office of financial management by September 1, 2018.

ROLE OF MPO'S/RTPO'S

- Validate Phase 1 Crossing Priorities
- Categorize Phase 1 Crossing Priorities into Project Readiness Tiers
- Review Phase 2 Project
 Prioritization Criteria
- Review Phase 2 Project
 Prioritization Methodology
- Review Phase 2 Project Prioritization









PHASE 2 - PROJECT READINESS

Projects that are in design and awaiting full construction





16 Projects (10 Fully Funded)

Projects that are planned with no design completed





34 Projects

A crossing in the Top 300, but no project has been studied, scoped, or identified





27 Crossings

PROJECT CATEGORIES FOR TIER 1 & 2

Type of Improvement Category **Bridge or Overpass Grade Separation** Pedestrian Only Grade -> Pedestrian Bridge Separation • Signs Gates Safety Enhancements Lights Quiet Zone ITS / Adaptive Signal Control **Mobility Solutions** Dynamic Signage / Traveler Information Systems Signal Interconnects / Pre-emption Reducing number of tracks, relocating Railroad Enhancements tracks, operational changes 10 transpogroup

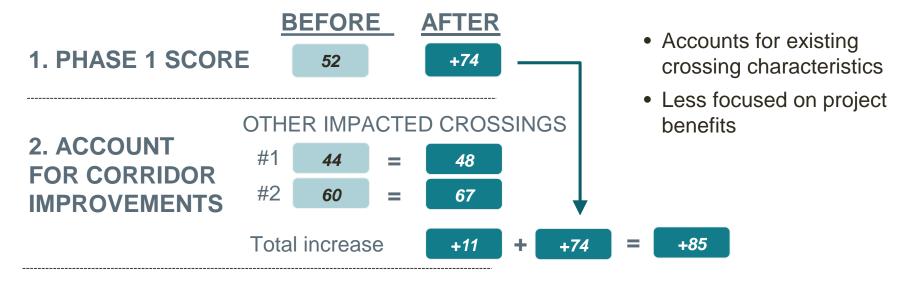
PHASE 1 (AND 2) EVALUATION CRITERIA MOBILITY 50%, SAFETY 25%, COMMUNITY 25%



19. Percent Low-Income

PHASE 2 - PROJECT BENEFITS

TOTAL POINTS VERSUS TOTAL COSTS



3. NORMALIZE USING TOTAL COST

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( $25,000,000 / 85 ) / 1,000 = 294
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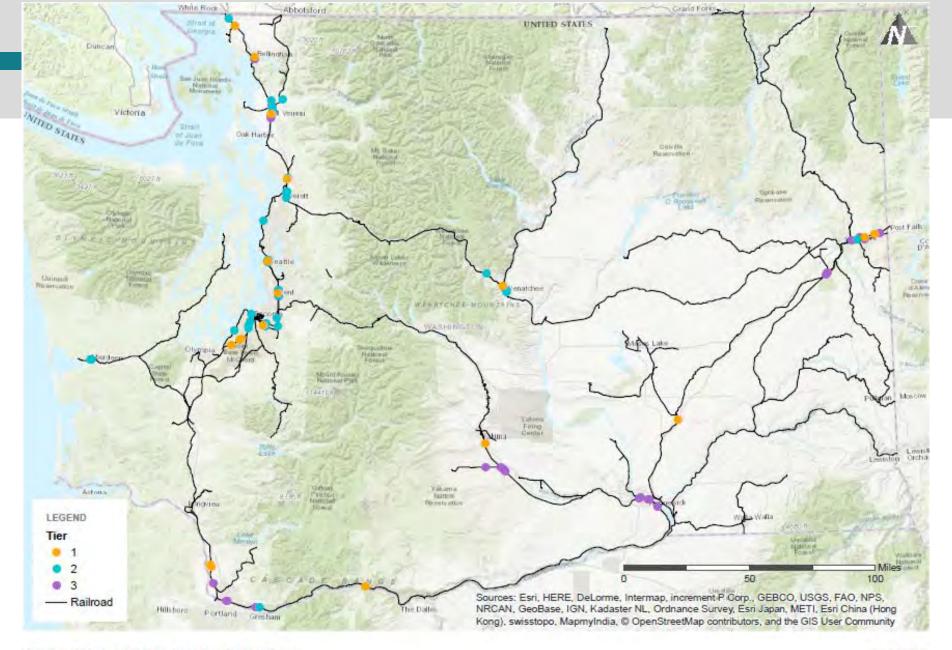


WHAT WOULD BE FUNDED IN EACH TIER?

- Tier 1 funds Construction only.
- Tier 3 funds Planning only.
- Tier 2 project list contains projects in a variety of development states:
 - Early Tier 2: Only a Planning-level scope is available, project just starting design and environmental work. Cost estimate could be +/- 50-100%
 - Late Tier 2: Design nearing completion, permitting underway, R/W needs identified. Cost estimate likely to be +/- 15% or less.







Prioritized Projects by Tier

NEXT STEPS

- 1. For FMSIB: Participate in legislative discussions around next steps.
- 2. For WSDOT and the UTC: Ditto.
- 3. For AWC, WPPA, and WSAC: To be determined.

Phase 1 and 2 Reports available at: http://www.fmsib.wa.gov/roadRail.cfm



